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THE STORY OF THREE CORNFIELDS

AND THE SOIL THEY LOST PER ACRE EACH YEAR



Rapid run-off started this gully after the soil had lost most of its capacity for absorbing water.

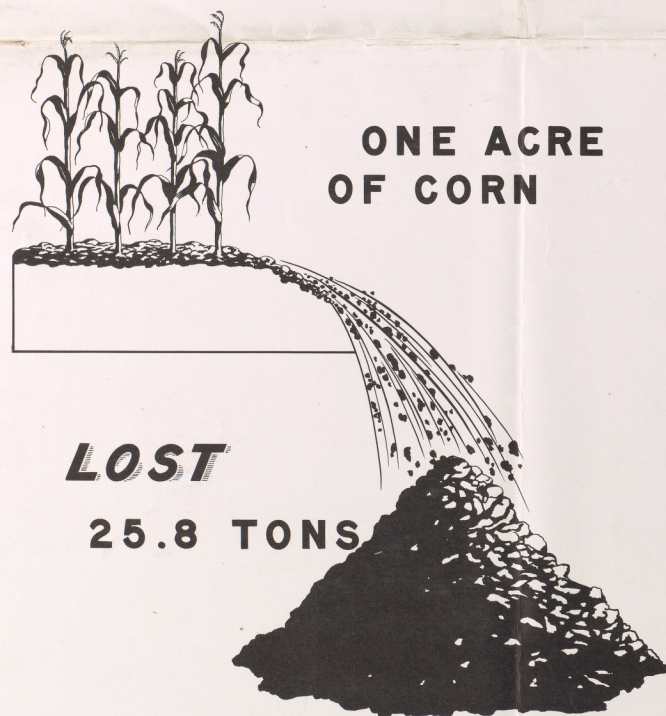


Absorption is increased and run-off decreased when barnyard manure is added to the soil.

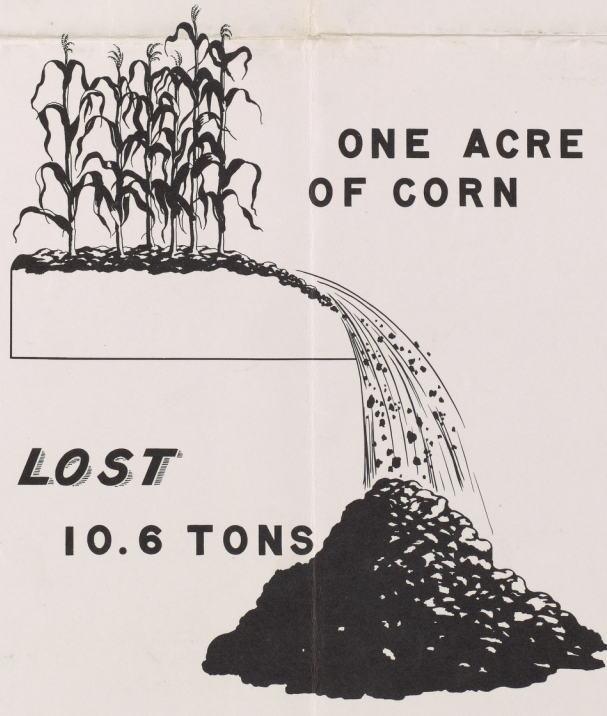


Clover adds nitrogen to the soil and is effective in reducing erosion.

NO TREATMENT



8 TONS MANURE



GREEN MANURE



Soils Containing Sufficient Organic Matter Not Only Resist Erosion but Absorb and Store Up More Water, Contain More Available Plant Food, and Produce Higher Crop Yields. The Use of Rotations Which Increase Organic Matter Content Is One Measure Farmers Are Employing To Combat Erosion.

BASED ON EXPERIMENT CONDUCTED ON SMALL TEST PLOTS AT SOIL CONSERVATION EXPERIMENT STATION, CLARINDA, IOWA. FIGURES USED ARE AVERAGES FOR 1933, 1934, 1935.